

**IN THE CLAIMS:**

- 1    1. (Currently Amended) A system configured to simplify management of a clustered  
2    storage system having a plurality of failover modes, the system comprising:  
3        a user interface system that defines one-of-a plurality of failover modes, wherein  
4        each failover mode automatically configures one or more ports on a selected storage sys-  
5        tem or a partner storage system in response to a failover condition; and  
6        a command set implemented by the user interface system and including a com-  
7        mand for setting a cluster mode where the cluster mode includes at least one of the plural-  
8        ity of failover modes.
- 1    2. (Previously Presented) The system of claim 1 wherein the user interface system com-  
2    prises a command line interface (CLI) configured to support the command set.
- 1    3. (Original) The system of claim 1 wherein the command set further comprises an igrup-  
2    command that determines whether a set of initiators may utilize data access command  
3    proxying.
- 1    4. (Original) The system of claim 3 wherein the set of initiators comprises at least one  
2    fibre channel world wide name.
- 1    5. (Original) The system of claim 3 wherein the set of initiators comprises one or more  
2    iSCSI identifiers.
- 1    6. (Original) The system of claim 3 wherein the igrup command sets an igrup option to  
2    determine whether members of a set of initiators may use a partner port for proxying data  
3    access command.

- 1    7. (Original) The system of claim 3 wherein the command set further comprises a cfmode  
2    command that sets a cluster mode for the clustered storage system.
- 1    8. (Original) The system of claim 7 wherein the cluster mode enables the clustered stor-  
2    age system to proxy data access requests received by a first storage system in the clus-  
3    tered storage system to a second storage system in the clustered storage system.
- 1    9. (Original) The system of claim 7 wherein the cluster mode enables a first storage sys-  
2    tem in the clustered storage system to assume an identity of a second storage system in  
3    the clustered storage system.
- 1    10. (Original) The system of claim 7 wherein the cluster mode enables proxying of data  
2    access requests received by a first storage system in the clustered storage system to a sec-  
3    ond storage system in the clustered storage system and further enables the first storage  
4    system to assume an identity of the second storage system.
- 1    11. (Original) The system of claim 1 wherein the command for setting a cluster mode  
2    comprises a cfmode command.
- 1    12. (Original) The system of claim 1 wherein the user interface system further comprises  
2    a graphical user interface having functionality to implement the command set.
- 1    13. (Previously Presented) A method for simplifying management of a clustered storage  
2    system having a plurality of failover modes, comprising:  
3         providing a user interface system; and  
4         executing a command supported by the user interface system to set a cluster mode  
5    for the clustered storage system, the cluster mode defining one of a plurality of failover  
6    modes.

1       14. (Original) The method of claim 13 wherein the cluster mode comprises a partner  
2       mode; and  
3               wherein the clustered storage system is enabled to proxy data access requests re-  
4       ceived by a first storage system in the clustered storage system to a second storage sys-  
5       tem.

1       15. (Original) The method of claim 13 wherein the cluster mode comprises a standby  
2       mode; and  
3               wherein a first storage system in the clustered storage system is enabled to assume  
4       an identity of a second storage system in the clustered storage system.

1       16. (Previously Presented) The method of claim 13 further comprising providing a GUI  
2       implementing commands available through the user interface system.

1       17. (Previously Presented) The method of claim 13 further comprising providing a GUI  
2       window for setting a cluster mode of the clustered storage system.

1       18. (Previously Presented) The method of claim 16 further comprising providing a GUI  
2       window for setting a proxy option for an initiator group.

1       19. (Currently Amended) A system configured to simplify management of a clustered  
2       storage system having a plurality of failover modes, the system comprising:  
3               |        a user interface means for implementing a command line interface; and  
4               |        means for setting a cluster mode, the cluster mode defining one of a plurality of  
5       failover modes.

1       20. (Original) The system of claim 19 further comprising means for determining whether  
2       a set of initiators may utilize data access command proxying.

- 1    21. (Original) The system of claim 19 wherein user interface means further comprises  
2    means for determining whether a set of initiators may utilize data access command  
3    proxying.
  
- 1    22. (Original) The system of claim 21 wherein the set of initiators comprises at least one  
2    fibre channel world wide name.
  
- 1    23. (Original) The system of claim 21 wherein the set of initiators comprises one or more  
2    iSCSI identifiers.
  
- 1    24. (Original) The system of claim 19 wherein the cluster mode enables the clustered  
2    storage system to proxy data access requests received by a first storage system in the  
3    clustered storage system to a second storage system in the clustered storage system.
  
- 1    25. (Original) The system of claim 19 wherein the cluster mode enables a first storage  
2    system in the clustered storage system to assume an identity of a second storage system  
3    in the clustered storage system.
  
- 1    26. (Original) The system of claim 19 wherein the cluster mode enables proxying of data  
2    access requests received by a first storage system in the clustered storage system to a sec-  
3    ond storage system in the clustered storage system and further enables the first storage  
4    system to assume an identity of the second storage system.
  
- 1    27. (Currently Amended) A computer readable mediumstorage device having stored  
2    thereon, including program instructions executing on a computer, for simplifying man-  
3    agement of a clustered storage system having a plurality of failover modes, wherein the  
4    program instructions when executed by the computer perform the computer readable me-  
5    dium including instructions for performing the steps of:  
6         providing a user interface system; and

7           executing a command supported by the user interface system to set a cluster mode  
8       for the clustered storage system, the cluster mode defining one of a plurality of failover  
9       modes.

1     28. (Original) The computer readable medium of claim 27 wherein the cluster mode  
2       comprises a partner mode; and  
3           wherein the clustered storage system is enabled to proxy data access requests re-  
4       ceived by a first storage system in the clustered storage system to a second storage sys-  
5       tem.

1     29. (Original) The computer readable medium of claim 27 wherein the cluster mode  
2       comprises a standby mode; and  
3           wherein a first storage system in the clustered storage system is enabled to assume  
4       an identity of a second storage system in the clustered storage system.

1     30. (Original) The computer readable medium of claim 27 further comprising the step of  
2       providing a GUI implementing commands available through the user interface system.

1     31. (Original) The computer readable medium of claim 27 further comprising the step of  
2       providing a GUI window for setting a cluster mode of the clustered storage system.

1     32. (Original) The computer readable medium of claim 27 further comprising the step of  
2       providing a GUI window for setting a proxy option for an initiator group.

1     33. (Currently Amended) A system, comprising:  
2            an interface that defines ~~one~~ of a plurality of failover modes for a clustered stor-  
3       age system; and  
4            a command set implemented by the interface, wherein the command set includes a  
5       command for setting a cluster mode using one of the plurality of failover modes.

- 1    34. (Previously Presented) The system of claim 33, wherein the interface comprises a  
2    command line interface (CLI) configured to support the command set.
  
- 1    35. (Previously Presented) The system of claim 33, wherein the command set further  
2    comprises an igrup command that determines whether a set of initiators may utilize data  
3    access command proxying.
  
- 1    36. (Previously Presented) The system of claim 35, wherein the set of initiators comprises  
2    at least one fibre channel world wide name.
  
- 1    37. (Previously Presented) The system of claim 35, wherein the set of initiators comprises  
2    one or more iSCSI identifiers.
  
- 1    38. (Previously Presented) The system of claim 35, wherein the igrup command sets an  
2    igrup option to determine whether members of a set of initiators may use a partner port  
3    for proxying data access command.
  
- 1    39. (Previously Presented) The system of claim 33, wherein the cluster mode enables the  
2    clustered storage system to proxy data access requests received by a first storage system  
3    in the clustered storage system to a second storage system in the clustered storage system.
  
- 1    40. (Previously Presented) The system of claim 33, wherein the cluster mode enables a  
2    first storage system in the clustered storage system to assume an identity of a second  
3    storage system in the clustered storage system.
  
- 1    41. (Previously Presented) The system of claim 33, wherein the cluster mode enables  
2    proxying of data access requests received by a first storage system in the clustered stor-  
3    age system to a second storage system in the clustered storage system and further enables  
4    the first storage system to assume an identity of the second storage system.

1    42. (Currently Amended) A method, comprising:

2        providing an interface that defines one-of-a plurality of failover modes for a clustered storage system, wherein the cluster storage system includes a plurality of servers;  
3        selecting a command supported by the interface to set a cluster mode for the clustered storage system, the cluster mode defining one of a plurality of failover modes; and  
4        configuring the clustered storage system into the selected cluster mode.

1    43. (Previously Presented) The method of claim 42, wherein the interface is a command line interface.

1    44. (Previously Presented) The method of claim 42, wherein the interface is a graphical user interface.

1    45. (Previously Presented) The method of claim 42, wherein the selected cluster mode enables the clustered storage system to proxy data access requests received by a first storage system in the clustered storage system to a second storage system in the clustered storage system.

1    46. (Previously Presented) The method of claim 42, wherein the selected cluster mode enables a first storage system in the clustered storage system to assume an identity of a second storage system in the clustered storage system.

1    47. (Previously Presented) The method of claim 42, wherein the cluster mode enables proxying of data access requests received by a first storage system in the clustered storage system to a second storage system in the clustered storage system and further enables the first storage system to assume an identity of the second storage system.

- 1    Please add new claims 48 *et al.*
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- 3    48. (New) A system configured to simplify management of a clustered storage system  
4    having a plurality of failover modes, the system comprising:  
5         an interface system that defines a plurality of failover modes for use in the cluster  
6         storage system automatically responding to failover, wherein each failover mode config-  
7         ures one or more ports on a selected server or a partner server in response to a failover  
8         condition; and  
9         a command set implemented by the interface system and including a command for  
10      setting a cluster mode where the cluster mode includes one of the plurality of failover  
11      modes.
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- 13    49. (New) The system of claim 48, wherein the plurality of failure modes comprises a  
14      standby mode, a partner mode, a dual fabric mode, and a mixed mode.